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[Remissions in schtzophrenia] Remissii pri shizofrenii.
Leningrad, Izd-vo "Meditsina," 1964. 214 p. (MIRA 17:3)

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Clinical statistical analysis of patients registered in a
district neuropsychiatric dispensary with the diagnosis of
organic brain lesions. Vop. psikh. nevr. no.10:410-418 164.

(MIRA 18:12)

Cambridge hospitals as institutions of "carttime hospitalization" in the system of psychiatric aid. Thur. neur. i psikh. 65 no.8: 1266-1271 (65.

SABANKYEV, Loonid Puvlovich, ikhtiolog; SLUCHEVSKIY, G.I., red.; GERSHMAN, N.K., tekhn.red.

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(MIRA 14:4)

(Fishing)

SLUCHEVSKIY, I. F., TEAF

USSR/Medicine - Electricity

Medicine - Sleep

Jun Lê

"The Problem of Sleep, Narcosis and Let argy Induced by Electricity," Prof V. A. Gilyarovskiy, Prof I. F. Sluchevskiy, N. M. Liventsev, Z. A. Kirillova, Inst Psychiatry, Acad Med Sci, 5 3/4 pp

"Klin Med" Vol AXVI, No 6

Describes induction of narcosis and letharry in dogs and human beings by alternating currents. Gives details of surgical operations erformed under such conditions.

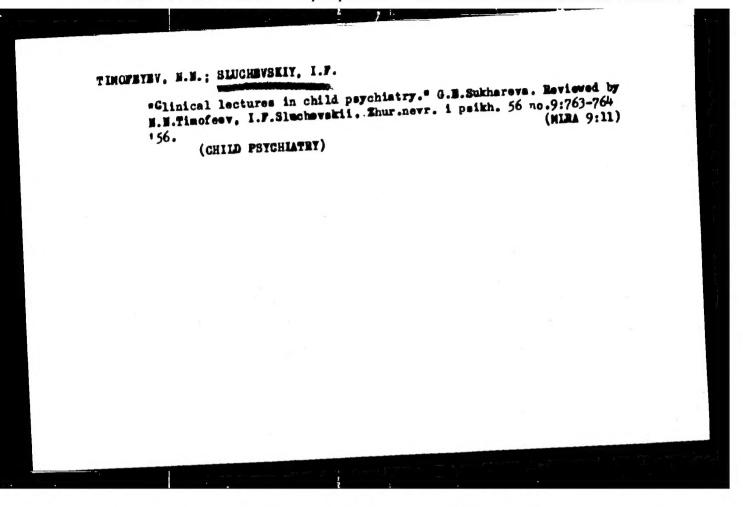
PA 14/49 T58

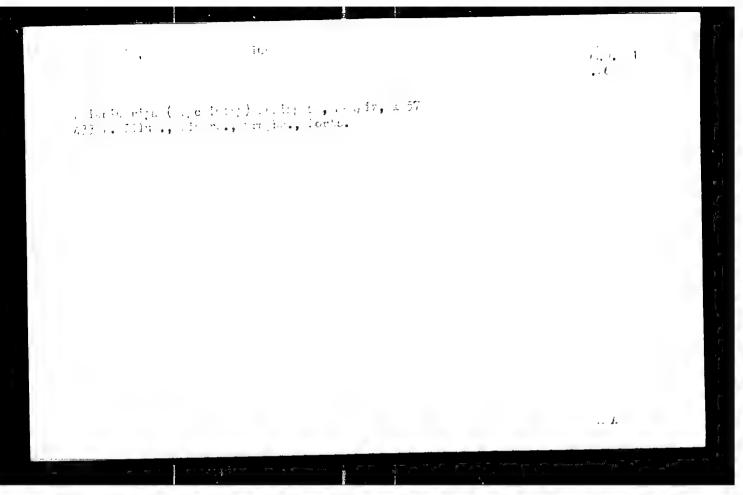
SLUCHEVSKTY, I. F., PRCF.

Psychiatry

Certain actual problems of psychiatry. Zhur. nerv. i psikh., 52, nc. 8, 1952.

Monthly List of Russian Accessions, Library of Congress, November 1952. Unclassified.





USSR/Human and Animal Physiology - The Nervous System.

Abs Jour

: Ref Zhur Biol., No 3, 1959, 13269

Author

Sluchevskiy, I.F.

Inst Title : Psycho-Pathological Syndromes and Their Patho-Physio-

.logical Basis

Orig Pub

: v sb.: Psikhiatr. klinika i probl. patol. vyssh.

nervn. deyat-sti. Vyp. 2. L.; 1957, 12-24

Abstract

: Individual psycho-pathological syndromes were subjected to defense inhibition of the secondary signaling system in its highest instances (maniac), diffuse inhibition on a background of weakness of the basic processes (amentive), manifestations of inductive stimulation (delirious), or inhibition (melancholy) extending to the underlying levels of the CNS. In other syndromes there was observed general inhibition of the cortex (depersonalized) and a focus of pathological

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Abs Jour

: Ref Thur Biol., No 3, 1959, 13269

inertia in the secondary signaling system (paranoid, paranoic) in either one of the analysors (the Clerambault-Kandinskiy syndrome, catatonic, hallucinative, paraphrenic). -- K.S. Rather

SLUCHEVSKIY, I. F.

"O Voprosakh Teorii i Praktiki Psikhiatrii Trebuyushchikh Svoego Razresheniya" p.3.

"Psikhopatologicheskiye Sindromy i ikh Patofiziologicheskaya Osnova." p 12.

with Ye. Ye. Zotova, V. A. Nikitina "K voprosu ob Immunitete Pri Psikhicheskikh Zabolevaniyakh." p. 220

with K. N. Tokarevich, "O Psikhozakh, Voznikayushchikh v Svyazi s Reney Perenesennym Sypnym Tifom v Svete Predstavleniy o Vozmoshnosti Pozdnikh Petsidivov etoy Infektsii."* p. 236.

Psikhiatricheskaya klinika i problemy patologii vysshey nervnoy deyatel nosti. Sbornik trudov Kafedry psikhiatrii., Leningrad. 1957. vol. 2. resp. ed. I. F. SLUCHEVSKIY.

Chair of Psychiatry.

Leningrad State Inst. Advanced Training of Physicians.

*Dolozheno 29/V-1956 g. na ob"edinennom Zasedenii L eningradskogo oteeleniya Vsesoyuznogo

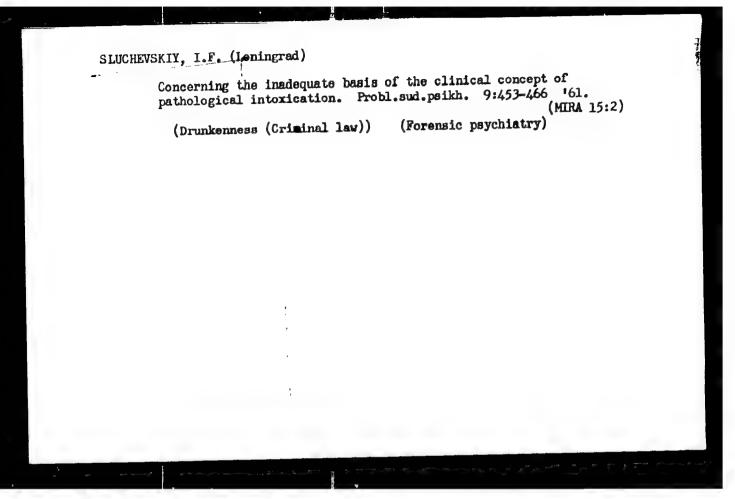
obshchestva Nevropatologov i Psikhiatrov i Leningradskogo Otdeleniya Vses. Obshch.

Mikrobiologov, Epidemiologov i Infektsionistov.

PERELIMAN, A.A. (Tomsk); MOLOKHOV, A.N. (Kishinev); IVANOV, N.V. (Gor'kiy);
KUTANIN M.P. (Saratov); EPSHTEYH, A.L. (Enepropetrovsk); CHALISOV,
M.A. (Minsk); SEMENOV, S.F. (Moskva); SLECHEVSKIY, L.F.

Discussion. Probl.sud.psikh. 9:162-173 *61. (Mika 15:2)

(EPPM FLUESS)



Sime public nealth problems in England; a survey. Zdrav. Hos. Feder.

Some public nealth problems in England; a survey. Zdrav. Hos. Feder.

2 no. 3:32-35 Mr 158.

(GREAT dR ITAIN--PUBLIC HEALTH)

TALYZIN, F.F.; SLUCHEVSKIY, I.I.

"Facts on the major killing and crippling diseases in the United States today". Reviewed by F.F. Talyzin, I.I. Sluchevskii. Sov. zdrav. 19 no. 4:83-85 '60. (MIRA 13:10) (UNITED STATES-PATHOLOGY)

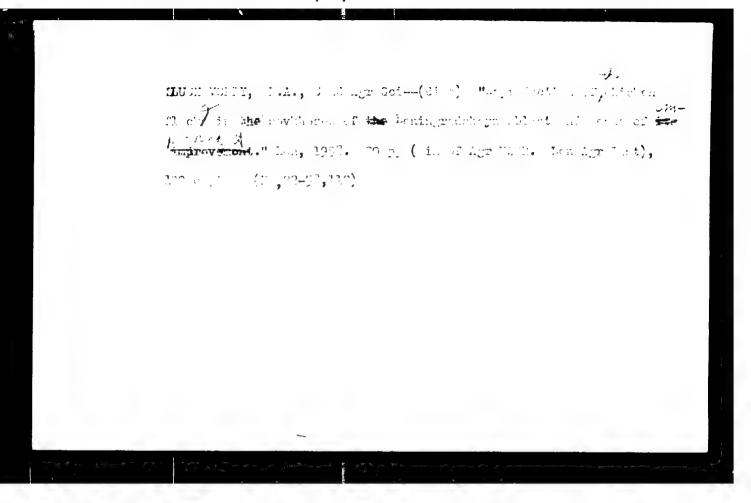
SLUCHEVSKIY, I.I., kand.med.nauk (Moskva)

Epidemic of traumatism abroad and its causes. Sov.zdrav. 22
no.2169-74 '63. (MIRA 1612)
(HOME ACCIDENTS) (INDUSTRIAL ACCIDENTS) (TRAFFIC ACCIDENTS)

SLUCHEVSKIY, I.I., kand.med. nauk

World Health Organization. Fel'd i akush. 28 no.3:56-59 Mr'63. (MIRA 16:7)

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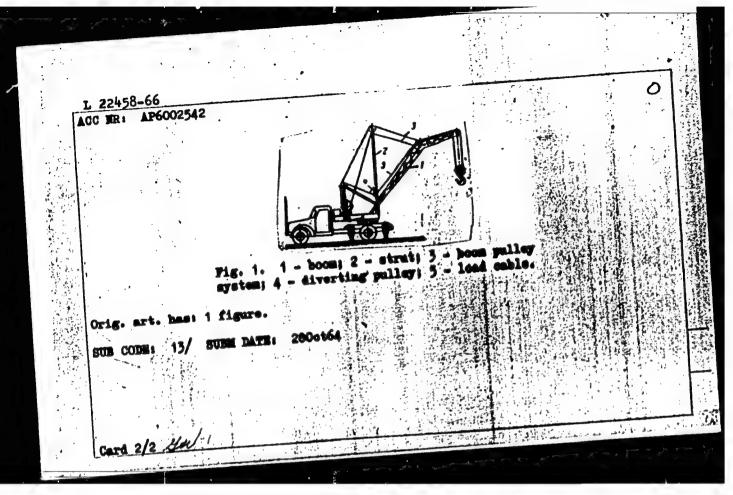


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- 2. USSR (600)
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- 7. Hay and str:w stacker, MTS 13 no. 5, 1953.

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L 22458-66 ACC MR: AP6002542 SOURCE CODE: UR/0286/65/000/023/0043/0043 AUTHORS: Kolot, I. I.; Gladkiy, V. I.; Sorokin, Ye. K.; Zhardinovskiy, G. M Sluchevskiy, V. A.; Gul'ko, A. I.; Kurochkin, A. S. ORG: none TITLE: Crane with variable extension boom. Class 35, No. 176667 SOURCE: Byulleten' isobreteniy i tovarnykh znakov, no. 23, 1965, 43 TOPIC TAGS: crane, loading machinery, transport equipment ABSTRACT: This Author Certificate presents a crane with variable extension boom which has a pinned supporting strut. The end of the strut is connected through a compound pulley system to the crane boom. To increase the lifting capacity with extended boom by eliminating compressive loads and to decrease crame height during transport, the pinned supporting strut is mounted at the base of the boom and is equipped with a diverting pulley mounted on the bottom part of this pulley so that the pulley forces are directed upmard, opposing the forces resulting in the strut due to tension in the boom pulley system (see Fig. 1). Card 1/2 UDC: 621.873.3

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PHASE I BOOK EXPLOITATION

BOV/3532

Serova, Irina Aleksandrovna, Vladimir Stepanovich Sluchevskiy, and Porfiriy Luk'yanovich Strelets

Proizvodstvo keramicheskikh p'yezoelementov; osnovy tekhnologii (Production of Ceramic Piezoids; Fundamentals of the Process) [Leningrad] Sudpromgiz, 1959. '98 p. 2,700 copies printed.

Resp. Ed.: V.A. Isupov; Ed.: A.G. Fomichev; Tech. Ed.: L.I. Levochkina.

PURPOSE: This booklet is intended for laboratory personnel and specialists engaged in the production of ferroelectric ceramic piezoids.

COVERAGE: The booklet reviews basic principles of the process of manufacturing ceramic piezoids from ferroelectric ceramic materials and briefly describes the most important equipment used. Designs of various apparatus and the flow sheet of the process are presented. The properties of certain ceramic ferroelectric materials and other solid solutions are presented and their chemical composition and characteristics analyzed. The preparation of ceramic material from barium and calcium titanate is described. Methods of forming ceramic piezoids under

Card 1/5

Production of Ceramic Piezoids (Cont.)

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high pressure, plasticizers, dry pressing and hot casting are discussed along with methods of firing, machining and glazing formed ceramic piezoids. Methods of polarizing, soldering and impregnating parts made of barium titanate are also discussed and problems of straight-flow production of ceramic piezoids and the labor and equipment required are reviewed. Appendixes indicate the principal requirements for piezoelectric parts as well as their specifications and describe methods for the complete chemical analysis of ceramic material prepared from barium and calcium titanate. Chapters I and II were written by I.A. Serova, III to VII by P.L. Strelets, and VIII by V.S. Sluchevskiy. The authors thank G.A. Smolenskiy, Doctor of Physical and Mathematical Sciences, I.A. Myl'nikova Candidate of Technical Sciences, and Engineer V.A. Isupev.. There are 10 references, all Soviet.

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PALIYCHUK, A.S., inzh.; CHABAN, O.I., inzh.; SHVETS, V.N., inzh.; GUSEYNOV, M.Kh., inzh.; SLUCHISHKIN, M.Ya., inzh.; BOBKOV, V.S., inzh.; KURTSEV, P.A., inzh.

Starting a 150 Mw boiler after installation. Teploenergetika 8 no.7:8-12 Jl '61. (MIRA 14:9)

l. Yuzhnoye otdeleniya Gosudarstvennogo tresta po organizatsii i ratsionalizatsii elektrostantsiy i Gosudarstvennaya rayonnaya elektricheskaya stantsiya "Severnaya".

(Boilers)

Installation of the TCM-94 boiler and PVK-150 turbine system outdoors. Energetik 10 no.3:1-4 Mr 162. (MIRA 15:2) (Boilers) (Turbines)

CHABAN, O.I., inzh.; VIZIR, B.S., inzh.; SLUCHISHKIN, M.Ya., inzh.; GUSEYNOV, M.Kh., inzh.

Special operating features of the steam and water circuit of the TGM-94 boiler. Teploenergetika 10 no.6:21-25 Je '63. (MIRA 16:7)

1. Yuzhnoye otdeleniye Gosudarstvennogo tresta po organizatsii i ratsionalizatsii rayonnykh elektrostantsiy i setey i Gosudarstvennaya rayonnaya elektrostantsiya "Severnaya".

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CEREMUZYISKI, Leszek; KRASKA, Tadeusz; SLUCKA, Cecylia

Preliminary clinical experiences with the use of a polarizing mixture (potassium, insulin, glucose) in myocardial infarct. Pol. arch. med. wewnet. 34 no.52541-547 164

1. Z IV Kliniki Chorob Wewnetrznych Akademii Medycznej w Warszawie (Kierownik: prof. dr. med. Z. Askanas).

SLUCKA, Cecylia; TENENBAUM, Barbara

Rhythm of the coronary sinus. Polski tygod.lek. 15 no.12:425-

428 21 Mr 160.

1. Z IV Kliniki Chorob Wewnetrznych A.M. w Warszawie; kierownik: prof.dr med. Z. Askanas.

(HEART physiol.)

SLUCKA, C.

Mycotic embolism of the coronary arteries of the heart. Kardiol. polska / no.4:311-31/4 '61.

1. Z IV Kliniki Chorob Wewnetrznych AM w Warszawie Kierownik: prof. dr. Z. Askanas.

(CORONARY DISEASES microbiol)

(MONILIASIS compl)

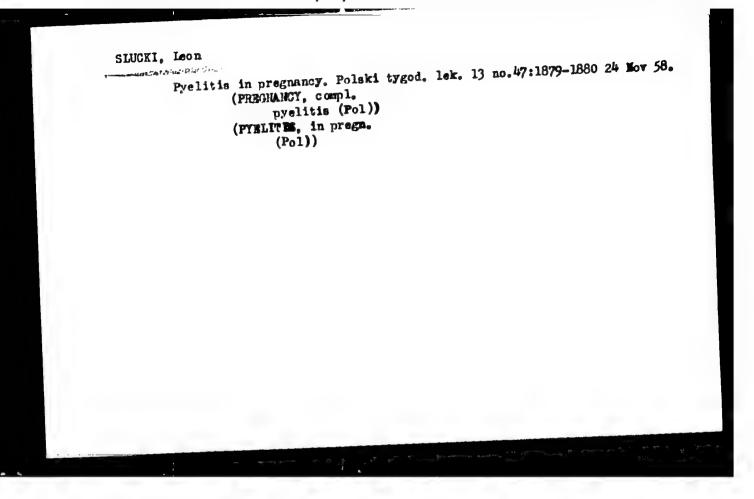
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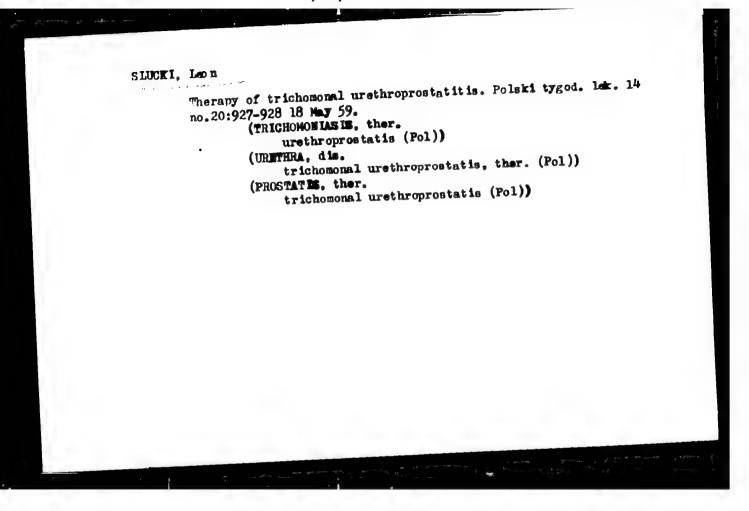
SLUCKA, Cecylia, Fourth Clinic of Internal Diseases (IV Klinika Chorob Wewnetrznych), AM [Akademia Medyczna, Medical Academy] and Central Outpatient Clinic for Circulatory Diseases (Centralna Przychodnia Chorob Ukladu Krazenia) in Warsaw (Director: Prof. Dr. Z. ASKANAS)

"Effect of Alternating and Condenser Currents on the EKG of the Dog."

Warsaw, Postopy Higieny i Medycyny Doswiadczalnej, Vol 17, No 3, 63, pp 347-350.

Abstract: Author analyses the EKGs obtained in fibrillation-defibrillation studies on a dog's heart with AC and condenser discharges. She notes particularly two types of ventricular fibrillation observed. One involves oscillation of segments of the ventricle with sinusoidal EKG pattern (Schwebungsform), usually reversible and susceptible to defibrillation; the other -- vibration of fibrils or minute parts of the chamber, irreversible, not susceptible to defibrillation, and an EKG pattern resembling a phonocardiogram (Geraushartig). Two Polish and one German references.





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1. Iz polikliniki No.2 TSentral nogo klinicheskogo gospitalya (nach. - doktor med.nauk Ch. Verkhalovskiy), Varshava. (TRICHOMONIASIS) (GENITOURINARY ORGANS-DISEASES)

SLUCKI, Leon

Management of Trichomonas vaginalis infection of the urogenital tract in men and women. Polski przegl. chir. 33 no.lla:1451-1455 '61.

1. Z Polikliniki CSK MSW w Warszawie Dyrektor: dr Warchalowski. (TRICHOMONAS INFECTIONS ther)

JAUGIETS, Voldemars; SLUCKINA, Ruta; LEVI, S., red.; PILADZE, Z., tekhn. red.

[Academician Janis Berzins; biobibliography] Akademikis Janis Berzins; biobibliografija. Riga, Latvijas PSR Zinatnu akad. izd-ba, 1963. 77 p. (MIRA 17:3)

l. Latvijas Padomju Socialistiskas Republikas Zinatmu Akademija. Fundamentala biblioteka.

HEHE, E.; SLUCKINA, ...; LEVI, S., red.

[Academician Arvids Kalnins; a biobioliography] Akademikis Arvids Kalnins; biobibliografija. Riga, Latvijas PSR Zinatnu Akad. izd-ba, 1964. 154 p. (MIRA 17:10)

l. Latvijas Padomju Socialistiskas Republikas Zinatmu Akademija. Fundamentala biblioteka.

SLUDSKAYA, A.I.

Tissular reactions of the rabbit spleen to intramuscular administration of the leucocytic preparation. Dokl. AN SSSR 141 no.6:1473-1475 D '61. (MIRA 14:12)

1. Institut morfologii zhivotnykh im. A.N.Severtsova AN SSSR. Predstavleno akademikom A.N.Bakulevym. (Serum) (Spleen) (Karyokinesis)

ABULADZE, A.V.; SLUDSKAYA, A.I.

Characteristics of the development and the picture of peripheral blood in white rats thymeotomized in the early postmatal peripheral Dokl. AN SS': 159 no.5:1197-1200 D 164 (MIRA 18:1)

1. Institut morfologii zhivotnykh im. A.N. Severtsova AN SSSR. Predstavleno akademikom A.N. Bakulevym.

SLUBSKAYA, A.I.

Spleen histogeny of white rats thymectomized at an early postnatal period. Dokl. AN ESSR 161 no.3:733-735 Mr 165. (MIRA 18:4)

1. Institut morfologii zhivotnykh im. A.N.Severtsova AN SCSR. Submitted April 27, 1964.

SHI DORAYA . A.L.

Compensatory changes in the lymphoid organs of the peritoneal pavity in splenectomized rabbits and stimulation of this process with leucocytic serum. Biul. eksp. biol. i med. 60 no.11:110-114 N 105.

1. Inboratoriya tsitologii (rav. - chlen-korrespondent Ah SSSR G.E. Ehrushchov [deceased]) Instituta morfologii zhivotnykh imeni A.W. Severtsova AN SSSR, Moskva. Submitted April 3, 1964.

DUBYANSKAYA, Yeleus Andreyevna; SLUDSKAYA, L.A., redaktor; ROMANOVA, Z.A., tekhnicheskiy redaktor

[Manual for practical studies in botany; anatomy and morphology of plants] Rukovodstvo k prakticheskim saniatizam po botanim; anatomia plants] Rukovodstvo k prakticheskim saniatizam po botanim; anatomia plants] Noskva, Gpa. izd-vo med. lit-ry, 1956.

i morfologiia rastenii. Noskva, Gpa. izd-vo med. lit-ry, (MIRA 10:2)

(Botany-Anatomy)

DUBYANSKAYA, Yelena Andreyevna; RADTSIG, Nataliya Tikhonovna; SLUDSKAYA, L.A. redaktor, GLUKHOYEDOVA, G.A., tekhnicheskiy redaktor.

[Botany; a brief course for schools of pharmacy] Botanika; kratkii kurs dlia farmatsevticheskikh uchilishch. Isd.6-oe, perer. Moskva. (MLRA 10:4) (Botany)

SLUDSKAYA, L.A., kendidat biologicheskikh nauk dotsent.

Norphology and anatomy of cauliflower in ontogeny. Isv. TSKhA
(MLRA 9:12)
no.2:107-118 '56.

(Ontogeny (Botany)) (Cauliflower)

Studies on the mycorhiza of citrus fruits. Dokl. TSKha no.28:322326 57. (Mycorhiza) (Citrus fruits)

PHASE I BOOK EXPLOITATION

- Nemytskiy, Viktor Vladimirovich, Professor; Sludskaya, Maria Ivanovna; and Cherkasov, Andrey Nikolayevich
- Kurs matematicheskogo analiza, t. I (Course in Mathematical Analysis, v. 1) 3d ed., enl. Moscow, Gostekhizdat, 1957. 486 p. 25,000 copies printed.
- Gen. Ed.: Nemytskiy, Viktor Vladimirovich, Professor; Ed.: Lapko, A. F.; Tech. Ed.: Gavrilov, S. S.
- PURPOSE: The book is intended for university students, although the content of the book exceeds the requirements of the teaching program.
- COVERAGE: The basic concepts of mathematical analysis, such as sequence, limit of a sequence, function, limit of a function and continuity of a function, are introduced, and the theory of

Card 1/8

Course in Mathematical (Cont.) 8

differential calculus developed. The application of differential calculus to the study of functions is presented and some mechanical problems are given. The general theory of series, the expansion of functions in power series, and the calculation of values of certain transcendental functions are presented. The basic theory of integral calculus is developed and its applications to geometry and to mechanics are given. There are no references.

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Call Nr: QA 303. N43428

AUTHORS:

Nemytakiy, V., Sludskaya, N., Cherkasov, A.

A Course in Mathematical Analysis. Vol. II. (Kurs matematicheskogo

analiza. Tom II)

Gosudarstvennoye izdatel stvo tekhniko-teoreticheskoy literatury, PUB. DATA:

Moscow, 1957, 498 pp., 25,000 copies.

ORIG. AGENCY: None

Editorial Supervision: Nemytskiy, V., Professor; Editor: EDITOR:

Lanko, A.F.; Bech. Editor, Yermakova, Ye. A.

The book was written as a textbook for the course of mathematical PURPOSE:

analysis at state universities and was approved as such by the

Ministry of Higher Education of the USSR.

The present volume covers the expression of functions by infinite COVERAGE:

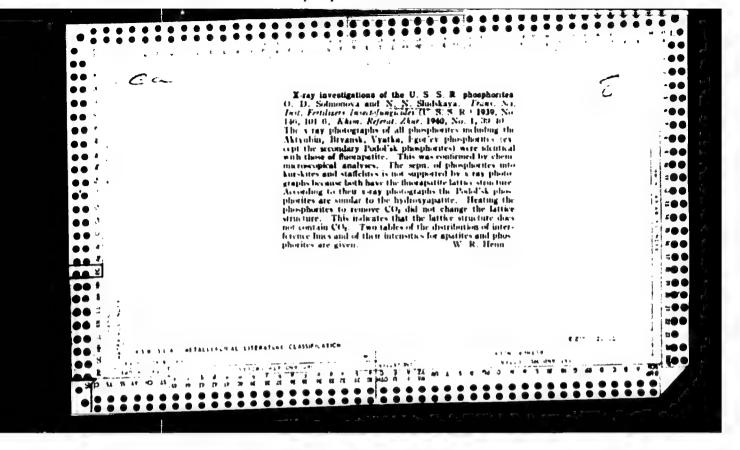
sequences and series of functions, differential calculus of

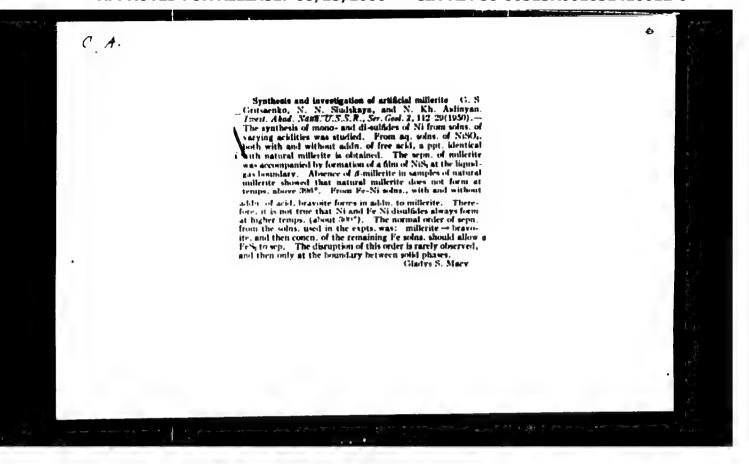
functions with many variables, and integral calculus of functions

Card 1/32

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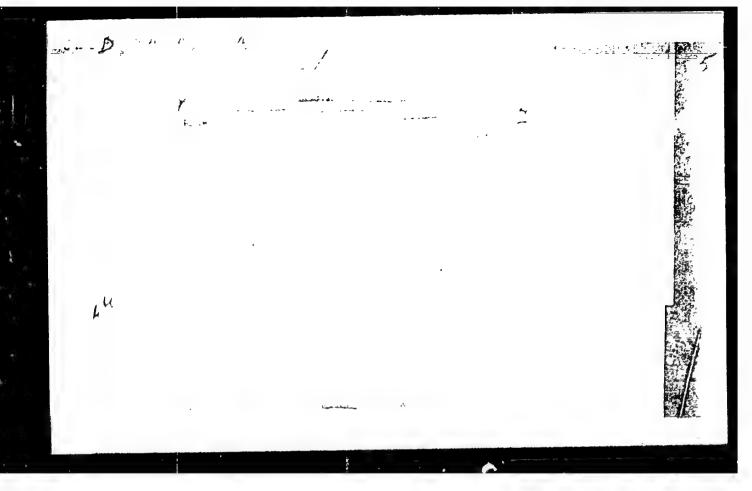
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with sev	eral variables. There are no personalities and no referen	ices.
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GRITSAYAMKO, G.S.; SIUDSKAYA, N.W.; AYDINYAN, N.Kh.

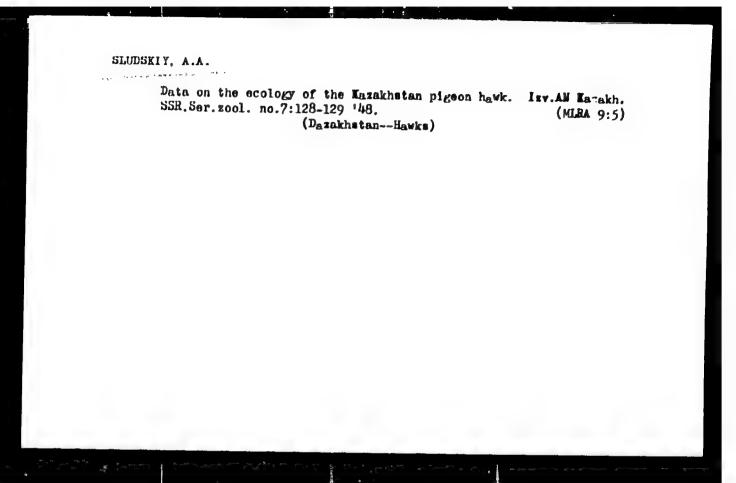
Synthesis of vaccite and polydymite. Zapiski Vaccoyus. Mineralog. Obshchestva 82, 42-52 *53. (MLRA 6:4) (GA 47 no.17:8592 *53)

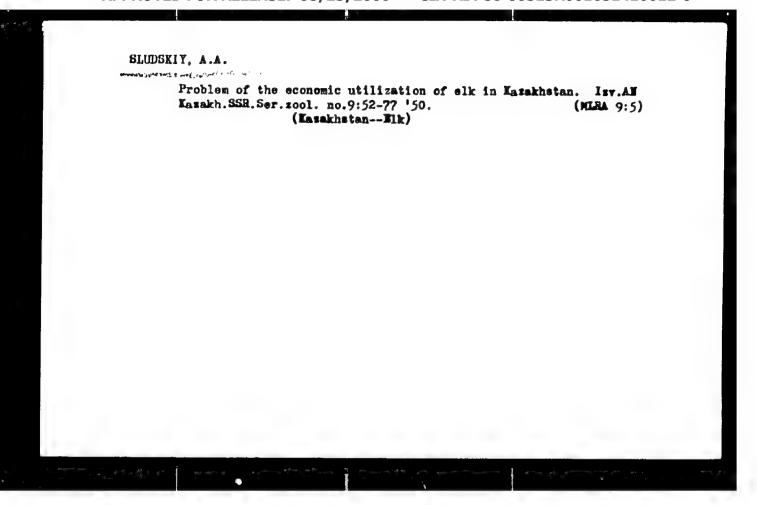


AFANAS YEV, A.V.; SLUDSKIY, A.A.

Data on mammals and birds of Central Kasakhstan. Isv.AN Kasakh.
SSR.Ser.sool.mo.6:48-64 *47. (MLRA 9:6)
(Kasakhstan-Zoogeography)

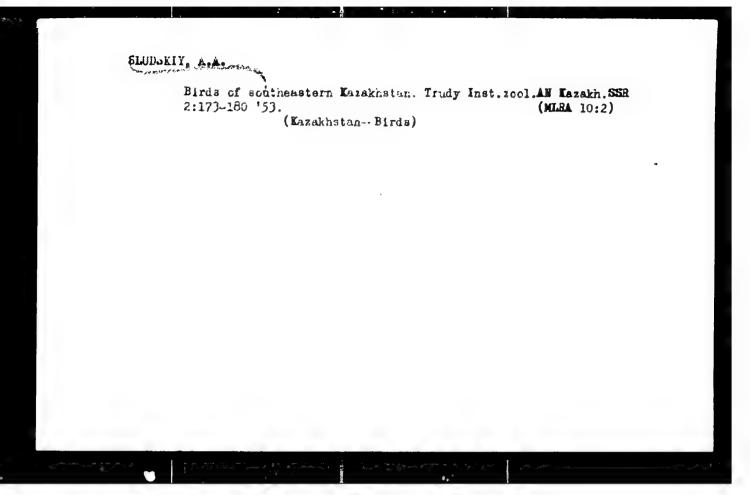
Work results on acclimatization of commercial game animals in the Kazakh S.S.R. during the thirty years of Soviet rule. Isv.AN Kazakh. SSR.Ser.zool. no.7:3-17 '48. (MLRA 9:5) (Kazakhstan--Acclimatization)





Muss destructions of animals in the deserts of Kazakhstan and their effect on the numbers of animals. Trudy Inst.zool.AW Kazakh. SSR 2:3-30 2:3-30 ¹53. (MLRA 10:2)

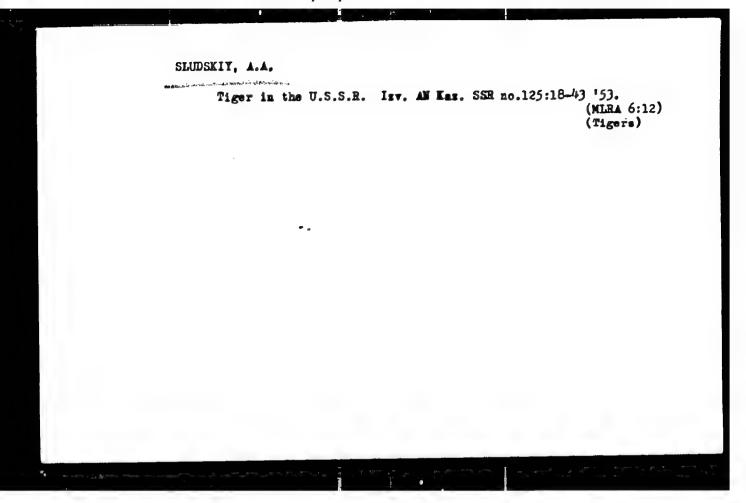
(Nazakhstan--Ungulata) (Winter)



SLUDSKIY, A.A. Settlements of wild unimals of the taigs in the forest stoppe and the steppe of Western Siberia and Kazakhetan. Biul. MOIP Otd. biol. 58 no.2:

14-22 153. (Siberia, Western--Zoogeography) (Kazakhatun--Zoogeography)

(MLRA 6:6)



KARTASHEV, N.N. —

"Animals of Kazakhstan." A.V.Afanas'ev, V.S.Bazhanov, M.N.Korelov, A.A.Sludakii. Reviewed by N.N.Kartashev. Zool.zhur.33 no.1:237-240

Ja-F'54. (MLRA 7:2)

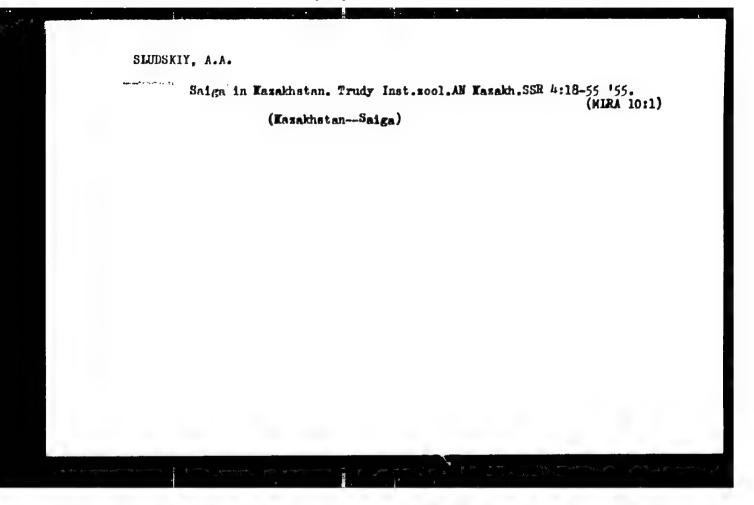
(Afanas'ev, A.V.) (Kazakhstan--Zoology)

(Zoology--Kazakhstan)

SLUDSKIY, A.A.; STRAUTMAN, Ye.I.

Commercially hunted animals of Kazakhstan and tasks in the field of their economic utilization, Trudy Inst.zeel.AN Kazakh.SSR. 4:3-17
155. (MIRA 10:1)

(Kasakhstan--Zoelegy, Economic)



USSR/General Division. Nature Conservation.

A-5

Abs Jour

: Ref Zhur-Biologiya, No 20, 1957, 85094

Abstract

recently; it is not known whether the "kulan" (Equus asinus hemionus Pall -- a wild donkey), the yellow lemming, the "sterkh" crane (Grus leucogeranus) still exist. Thirteen species of mammals are on the verge of disappearing: the muskrat, the Polish marmot and the Menzbir marmot, the snow-leopard, the hunting-leopard, etc. There is a great drop in the number of flamingos, of swans, of pelicans, of bustards (Otis tetrax), etc., and among the reptiles, of grey monitors. A numerical survey of species of mammals and birds utilized by trade in the past and of the trade volume at different times is given, as well as a glimpse at the adversities of

Card 2/5

USSR/General Division. Nature Conservation.

A-5

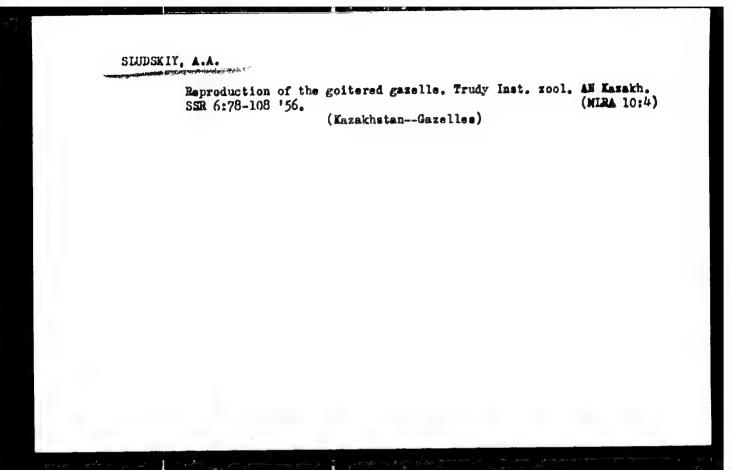
Abs Jour

: Ref Zhur-Biologiya, No 20, 1957, 85094

Abstract

the "arkhar" (the native wild mountain sheep). Wide migrations of these wild sheep and cases of their appearance in regions from where they disappeared in the XIXth century were observed in the fall of 1951 and in the following winter. These migrations were due to food shortage after a very dry summer. In 1955 the Presidium of the Academy of Sciences, KazSSR, founded a commission for Nature Conservation. A few years ago, in Kazakhstan, there were five reservations, the total area of which was 792 thousand hectares (0.3% of the territory of the Republic); nowadays, there are two reservations (98 thousand hectares or 0.03% of the whole territory). It is

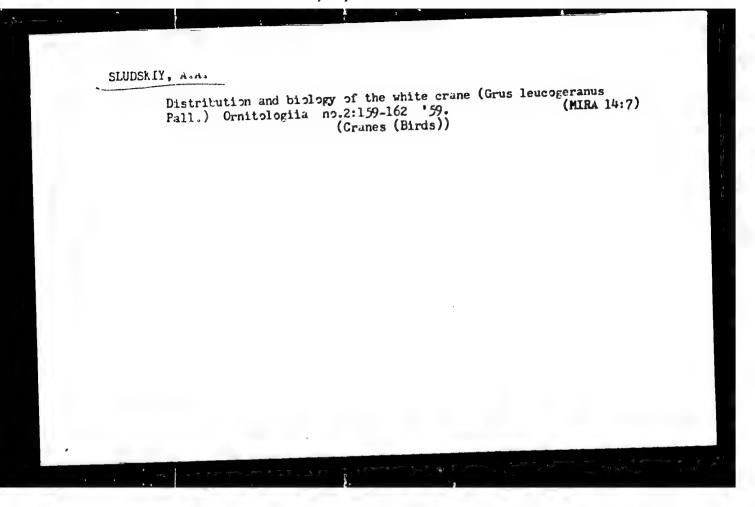
Card 4/5



DOLGUSHIN, I.A.; SLUDSKIY A.A.

From the results of ornithological research in central Kazakhstan. Trudy Probl. i tem. sov. no.9:67-72 '60. (EIRA 13:9)

1. Institut zoologii Akademii nauk Kazakhskoy SSR. (Kazakhstan-Birds)



ISMAGILOV, Musa Isayevich; SLUDSKIY, A.A., kand. biolog. nauk, otv. red.; BRAILOVSKAYA, M.Ya., red.; ROROKINA, Z.P., tekhn. red.

[Ecology of rodents associated with the landscapes of Bet-Pak-Dala and the southern part of the Lake Balkhash region] Ekologiia land-shaftnykh gryzunov Betpat-Daly i IUzhnogo Pribalkhash'ia. Alma-Ata, Izd-vo Akad. nank Kazakhskoi SSR, 1961. 365 p. (MIRA 14:7)

(Bet-Pak-Dala-Rodentia)

(Balkhash Lake #3gion-Rodentia)

JI'DOYIY. A. ...

Dissertation defended at the Zoological Institute for the academic degree of Doctor of Biological Sciences: 1962

"Vammals of Kazakhstan as Natural Animal Resources and the Enrichment of Their Fauna."

Vestnik Akad Mauk No. 4, 1963, pp. 119-145

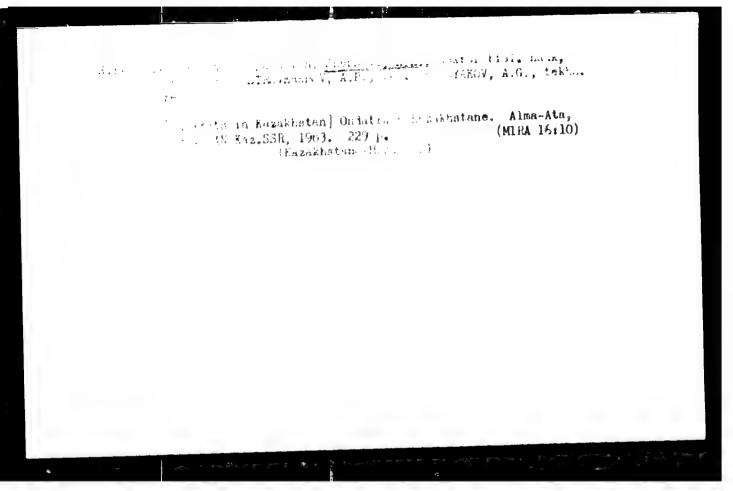
SLUDSEIY, A.A.

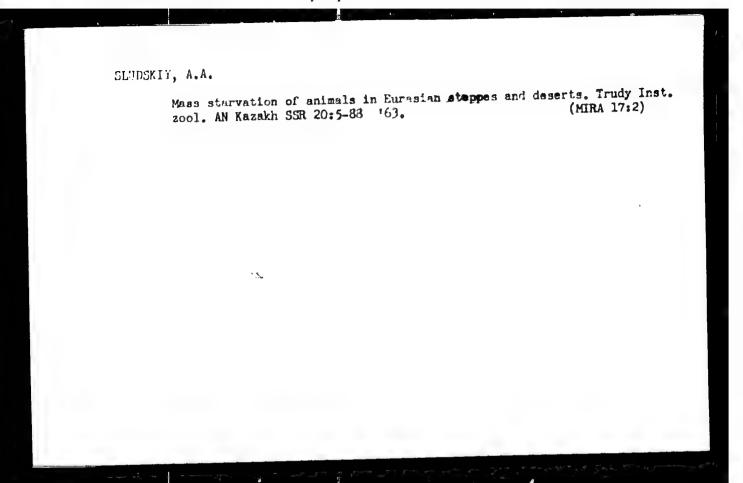
Interrelations between predatory animals and their prey; exemplified by antelopes and other animals and their enemies. Trudy Inst. 2001.

AN Kazakh. SSR 17:24-243 '62. (MIRA 17:2)

SLUDSKIY, A.A.; STRAUTMAN, Ye.I.; AFANAS'YEV, Yu.G.

Fur resources of Kazakhstan and possibilities for the development of commercial hunting in the Republic. Trudy Inst. zool. AN Kazakh. SSR 17:5-23 .*62. (MIRA 17:2)





Hencits of any prospects for the application of game abluals in Mazazastan. Trugy Inst. 2001. AT Hozzara. 2002. 13:5-74 (MIRA 17:11)

SLUDSKIY, A.A.

Sands of semiarid zones of Eurasia as minor ranges for the survival of xerophilous animals and as foci of their species formation. Trudy Inst. zool. AN Kazakh. SSR. 23:208-215 64. (MIRA 17:11)

SLUDSKIY, A.A.

Mutual help among predatory animals of different species during hunting (adjuvancy). Zool. zhur. 43 no.8:1203-1210 '64. (MIRA 17:11)

1. Institut zoologii AN Kazakhskoy SSR, Alma-/ta.

SLUBSKIT, A.A., otv. red.; STRAUTMAN, Ye.I., red.; ONTROVERENOV, A.I., red.

[Muskrat and coypu farming in Kazakhatan and Central Asia; materials] Ondatrovodstvo i matrievodstvo v Kazakhatane i Srednei Azii; materialy. Alma-Ata, "Mauka" Kazakhskoi SSk, 1965. 189 p. (MIRA 19:1)

1. Nauchno-proizvodstvennaya konferentsiya po ondatrovodstvu i nutrievodstvu Kazakhstana i respublik Sredney Azii, Alma-Ata, 1964.

"New data on reef characteristics of Grimean mountain pastures."

Biul.MOIP. Otd.geol. 29 no.5:71-75 %-0 '54. (MIRA 8:1)

(Grimea--Geology) (Earlow, M.M.)

·SLUDSKIY,

USSR/Electronics - Vacuum Technique, H-9

Abst Journal: Referat Zhur - Fizika, No 12, 1956, 35227

Author: Gvozdover, S. D., Sludskiy, V. N.

Institution: None

Title: On the Occurrence of Oscillations of the Relaxation Type in Electron Guns

Original

Periodical: Vestn. Mosk. un-ta., 1956, No 2; 37.hh

Abstract: An attempt was made to explain the causes of occurrence of selfexcited current oscillations in the space between the grids in an electron gun. Theoretical calculations are given for the potential distribution, in which it is assumed that the problem is a onedimensional one and that the potentials of both grids are the same. It is shown that for a certain value of the current a virtual cathode

occurs in the inter-grid space. Since the latter vanishes at another, smaller value of the current, current oscillations of the relaxation type become possible. The authors propose that the vanishing of the

Card 1/2

83431 \$/188/60/000/001/006/010 B019/B056

9.1400 AUTHORS:

Karasev, M. D., Kovalenko, A. A., Sludskiy, V. N.

TITLE:

A New Lecture-demonstration of the Propagation of Electro-

magnetic Waves Along a Line

PERIODICAL:

Vestnik Moskovskogo universiteta. Seriya 3, fizika,

astronomiya, 1960, No. 1, pp. 66 - 69

TEXT: The system described in the present paper is shown in Fig. 1. It consists of a high-frequency generator, whose energy is fed into a copper wire by means of a coaxial cable and a tuned cone. The energy propagates in the conductor as a symmetric surface wave with a field structure that is equal to that in the coaxial cable, and is shown in Fig. 2. The Hy-component of the magnetic field is determined by means of a frame antenna with a detector and a galvanometer. The following may be demonstrated by means of this device: The equivalence of the displacement currents and the conduction current, the field structure can be better demonstrated than by means of a Lecher system, and the scattering of

Card 1/2

migrated Dyslams and the Independence Actions." .. 15. (Borse Province Actions, 101. 1, 100.), Surgetimes. Darly 102.)

SO: Monthly List of East European Accessions. Vol. 3, no. 3. Library of Congress. March 1954 Uncl.

CZECHOSLOVA SIA

CICVAREK, Z., NUDr., BEUGENOVA, E.

Central Biochemical Laboratory (Centralne Biochemicke Laboratorium), OUNZ, Trenchina (for both; Cicvarek-Lirector).

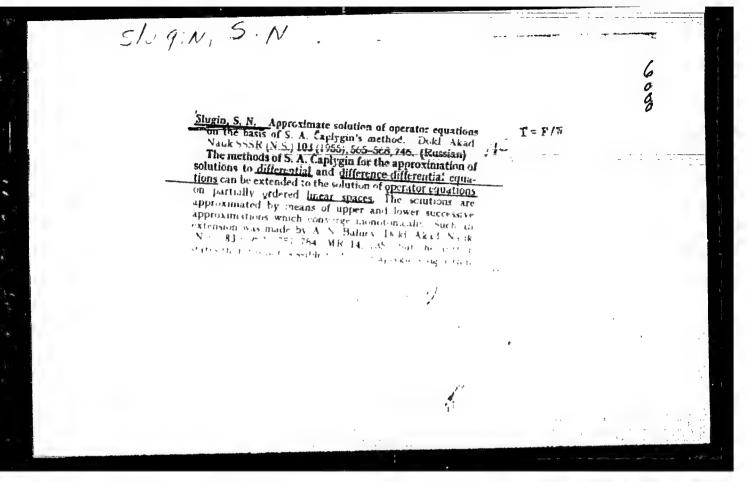
gratislava, Lekariky obsor, No 7, July 1965, pp 393-400.

"A contribution to the problem of standardization of determination nemoglobin in the blood."

SLUGIN, S. N.

"Application of S. A. Chaplygin's Method of Approximate Solution of Operator Equations." Cand Phys-Math Sci, Kazan State U imeni V. I. Ul'yanov-Lenin, Min Higher Education USSR, Kazan', 1954. (KL, No 5, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12) SO: Sum. No. 556, 24 Jun 55



from Baluev's theory. This paper contains the statement of two theorems, the first of which contains numerous conditions and is lengthy to state. The second theorem is a special case of the first, is somewhat simpler to state, and illustrates the general type of result under discussion.

Let P be an operator defined on an interval $[x_0, \bar{x}_0]$ of a partially ordered linear space. Let P be an additive operator having a positive inverse Γ^{-1} and such that for all $\Delta x > 0$, $\Gamma(\Delta x) \ge P(x + \Delta x) - P(x)$. If the operator $\Gamma^{-1}P$ is monotonic and continuous and $P(x_0) \le 0 \le P(\bar{x}_0)$, then the least and greatest solutions in $[x_0, \bar{x}_0]$, denoted by x and \bar{x} , respectively, of the equation P(x) = 0 can be obtained by the iterative procedure obtained by the iterative procedure

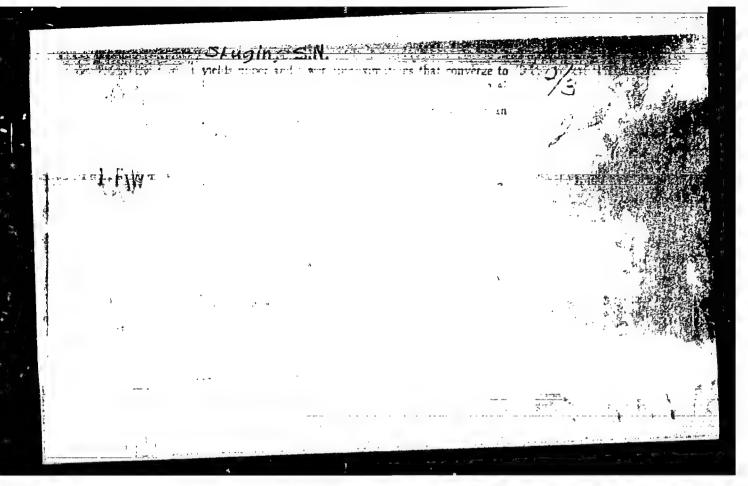
$$\tilde{x}_{n+1} = \tilde{v}_n - \Gamma^{-1}P(\tilde{x}_n), \ \ \tilde{x}_{n+1} = \tilde{x}_n - \Gamma^{-1}P(\tilde{x}_n),$$

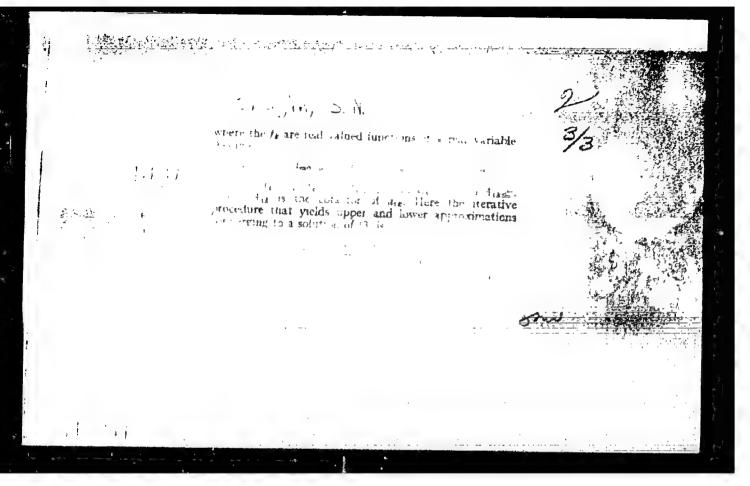
and

Sufficient conditions are given for the uniqueness of the solutions. It is shown that Caplygin's algorithm and two of Baluev's theorems can be deduced from these theorems.

J. P. LaSalle (Notre Dame, Inc.).

Example 1 Consider the differential equation (1) $y = (x, y) = C$ $y(x) = z$ If y_0 and y_0 are functions satisfying, for $(z_0, y_0) \le y_0(y) \le y_0(y)$, is continuous in 1 and if $C > \partial/\partial y \ge -A$ ($C > 0$) for all functions $y(t)$ ($y_0 \le y \le y_0$); then the iterative procedure $y_{n+1} = z_0 A(t_n - t) + \int_{t_0}^{t} [Ay_n(\tau) + f(\tau, y_n(\tau))] e^{A(\tau - t)} d\tau$	2 E 24	2	from a semetal	austrates the appaca Dok: NS 103 755	The late		F,W
			for $\geq t_0$, $y_0(t) \leq y_0(t)$, $y_0(t) \leq y_0(t)$, $y_0(t) \leq y_0(t)$, for $y_0(t) \leq y_0(t)$, $y_0(t) \leq y_0($	inples are given consider the differential $y' + f(t, y) = C - y(t_0) = 0$ functions satisfying, for $f(t, y_0)$, and $f(t_0) = 0$ in $f(t_0) = 0$ and if $f(t_0) = 0$ (ye\le \forall y_0(t_0); then the	Example 1 (1) If yo and yo are yo' - f(t, yo) ≤0 is continuous all functions y	_ ^ 4	
			,A3	3 (s.		.4.0 s





SUBJECT

USSR/MATHEMATICS/Differential equations CARD 1/1 PG

AUTHOR

SLUGIN S.M.

TITLE

The unlimited application of a method of Caplygin's type for

ordinary differential equations of n-th order.

PERIODICAL

Doklady Akad. Nauk 110, 936-939 (1956)

reviewed 3/1957

If for m 1 for the approximative solution of the equation

$$y^{(m)}-f(t,y,y',...,y^{(m-1)}) = 0, y^{(k)}(t_0) = \alpha_k (k=0,1,...,m-1)$$

methods of Caplygins type are applied, then either it must be assumed that all $\frac{\partial f}{\partial y^{(k)}}$ have a fixed sign or the methods must be restricted to certain lengths of the interval $\begin{bmatrix} t_0, t_1 \end{bmatrix}$. The author proposes a new method, where the length of the interval can be arbitrary and only the boundedness of the $\frac{\partial f}{\partial y^{(k)}}$ is assumed. The choice of the first approximation, however, is very difficult. The algorithm bases on the functional analysis.

INSTITUTION: Public Educational Institute, Komsomol'sk na Amure.

3166111 51

AUTHOR:

SLUGIN, S.N.

PA - 2367

TITLE:

Iteration Method of the Unilateral Approximations of the Solutions of Operator Equations. (Iteratsionalnyy metod

78

odnostoronnikh priblizheniy pesheniya operativnykh uravneniy,

Russian).

PERIODICAL:

Izvestiia Akad. Nauk SSSR, Ser. Mat., 1957, Vol 21, Nr 1,

pp 117 - 124 (U.S.S.R.)

Received: 4 / 1957

Reviewed: 5 / 1957

ABJTRACT:

This paper deals with a generalized scheme of the formation of approximations in the sense of S.A. Tschaplygin - upper and lower approximations of the solution of an operator equation. Approximations alternate: if the previous approximation happens to have been the lower, the next is the upper and vice versa. The scheme

was made concrete by some types of equations.

It is said that, if S.A. Tschaplygin's method is to be used, and also in the case of several varieties of this method, it is necessary to apply either a sign constancy to the corresponding generatrix in the linear part of the equation concerned, or to refer to the part of the modification of arguments which is limited by centein conditions. It is also recommended to apply the

by certain conditions. It is also recommended to apply the algorithms of the approximated solution of operator euqtions, the applicability of which is unlimited, and which (as also in

Card 1/2

3, 100 H

Slugin, S. N. (Komsomol'sk-na-Amure)

39-1-1/8

AUTHOR:

Approximative Solution of Implicitly Given Integral Equations (Priblizhenrope reshence integral nykh uravneniy, zadannykh v neyavnom vide).

PERIODICAL:

Matematicheskiy Sbornik, 1957, Vol. 43, Nr 1, pp. 3-8 (USSR)

ABSTRACT:

For the integral equation

(1) F(x,y(x),Y) = 0

where it is $Y = \int_{a}^{e} K(x,s,y(s))ds$ and Ae either =b or =x,

a successive method of Chaplygin type is given. The continuous functions $u_0(x)$ and $v_0(x)$ are assumed to satisfy on $\begin{bmatrix} a,b \end{bmatrix}$ the inequalities $u_0(x) \leqslant v_0(x)$ and $F[u_0] \leqslant 0 \leqslant F[v_0]$, where F[y] denotes the left side of (1). For all continuous functions y(x), $u_0(x) \leqslant y(x) \leqslant v_0(x)$ let F[y] and F[y] and F[y] be continuous functions of their arguments and let

 $\frac{\partial F}{\partial y} \leqslant 1$, $\frac{\partial F}{\partial y} \leqslant A \leqslant 0$, $\frac{\partial K}{\partial y} \gg N > 0$.

Card 1/2

AUTHOR:

Slugin, S.N.

SOV/140-58-6-24/27

TITLE:

Some Applications of Two-Sided Approximation Methods (Nekotoryye

primeneniya metodov dvustoronnikh priblizheniy)

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Matematika, 1958, Nr 6,

pp 244-256 (USSR)

ABSTRACT:

The present paper contains a further development of the methods for the approximate solution of operator equations elaborated by the author in earlier papers $\sqrt{\text{Ref 1,2,3}}$. The first and the second paragraph of the paper contain only certain improvements of the results obtained in $\lceil \text{Ref } 1,2,3 \rceil$. § 3 contains applications to the Cauchy problem $y''-f(\bar{t},y,y')=0$, $\alpha y(a)+\beta y'(a)=\beta$. $\forall y(b) + \delta y'(b) = 0.$ § 4 considers the solution of an integrodifferential equation with ordinary derivatives. § 5 treats systems of differential equations with a retarding argument. In § 6 the author uses the method for the solution of systems of implicit functions proposed by the author in [Ref 9].

There are 9 Soviet references.

ASSOCIATION: Kazanskiy gosudarstvennyy universitet imeni V.I.Ul'yanova Lenina (Kazan' State University imeni V.I.Ul'yanov-Lenin)

Card 1/2

AUTHOR:

Slugin. S.N.

SOV/20-120-2-8/63

TITLE:

A Modification of the Abstract Analogue of the Method of Chaplygin

(Vidoizmeneniye abstraktnogo analoga metoda Chaplygina)

PERIODICAL: Doklady Akademii nauk, SSSR, 1958, Vol 120, Nr 2, pp 256-258 (USSR)

ABSTRACT:

Baluyev [Ref 1] and the author [Ref 2] proposed approximate methods for the solution of the operator equations in semiordered spaces. These methods based on the method of Chaplygin for the solution of differential equations and, in the present paper, they are denoted as the "abstract analogues". The paper contains proposals for the simplification of the very extensive algorithms of [Ref 1] and [Ref 2]. Some examples for the application to ordinary differential equations are given.

There are 6 Soviet references.

ASSOCIATION: Komsomol'skiy na-Amure gosudarstvennyy pedagogicheskiy institut

(State Pedagogical Institute in Komsomol'sk on the Amur)

PRESENTED:

January 13, 1958, by S.L. Sobolev, Academician

SUBMITTED: April 1, 1957

1. Operators (Mathematics) -- Applications 2. Differential equations

Card 1/1

SOV/20-120-3-8/67

AUTHOR:

Slugin, S.N.

TITLE:

On the Theory of the Methods of Newton and Chaplygin (K teorii

metodov N'yutona i Chaplygina)

PERIODICAL:

Doklady Akademii nauk SSSR, 1958, Vol 120, Nr 3, pp 472-474 (USSR)

ABSTRACT:

The author considers the solution of the equation P(x) = 0with the aid of the methods of Newton and Chaplygin. Several well-known variants of these methods (Kantorovich [Ref 1], Azbelov [Ref 5] etc) are modified and partially simplified, partially generalized. The inequalities of Chaplygin are replaced by operator inequalities. The author gives an algorithm of the type of Chaplygin (construction of minoring and majoring sequences, converging to the sought solution). Altogether six

theorems are formulated.

There are 8 Soviet references ..

ASSOCIATION: Kazanskiy gosudarstvennyy universitet (Kazan State University)

January 14, 1958, by S.L. Sobolev, Academician January 13, 1958

PRESENTED: SUBLITTED:

1. Mathematics -- Theory

Card 1/1

16(1) SOV/20-127-1-8/65 Slugin, J.K. AUTHOR: A Two-Sided Estimate of the Solution of a Linear Functional TITLE: Equation Doklady Akademii nauk 353R,1959, Vol 127, Nr 1, pp 34-36 (USSR) TERIODICAL: Let X be a K - space (see [Ref 2]), X' its linear semi-ordered subspace. Let a, b \in X' exist to every $x \in X$, so that a $\le x \le b$ in X. Let \overline{X} be a K -space isomorphic to the K - space X'. Let H, H', H" be regular operators of the ABSTRACT: class H_0^0 ; H is assumed to transfer X into itself; H', H" transfer X into X' and let $0 \le H'x \le H'x$, $0 \le H''x \le H'x$ (x>0, x ∈ Y), whereby Y = X or Y = X'. Let \(\Gamma', \Gamma'', \Gamma''' \) be the restrictions of the operators H', H" on X':
\(\Gamma' \times ' \) ''x' = H'x', \(\Gamma'' \times ' \) Let \(\Lamma = \Gamma'' + \Gamma'' \), \(\Gamma = \Gamma'' \). Theorem: A is to be chosen so that $(I - \overline{A})^{-1} > 0$ and the elements \underline{x} and \overline{x} are to be defined by $(I - \overline{A})(\overline{x} - \underline{x}) = \overline{y} - \underline{y} + z$, $(I - \overline{B})(\overline{x} + \underline{x}) = \overline{y} + \underline{y}$, Card 1/3

A Two-Sided Estimate of the Solution of a Linear

SOV/20-127-1-8/65

Functional Equation

where \overline{y} , \underline{y} , $z \in \overline{x}$ and $\varphi \underline{y} \leqslant \varphi \overline{y}$, $\varphi z \ge 2(|H| + \angle A)x_1$ is in X; here $x_1 \in X^1$ is the estimation of the solution x^* of the equation x - Hx = y with respect to the absolute value : $x_1 \ge |x^*|$, $x_1 = 1$ for $Y = X^*$, $x_2 = 1$ for Y = X. Then it is A further theorem deals with the special case of the equation Hx = y, where $H^{-1} > 0$. As an example the author gives the solution of $x(s) - \lambda S H(s,t)x(t) = y(s)$, where $\lambda > 0$ and S either · dt or \$ · dt .

There are 4 Soviet references.

Card 2/3